

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
ESI-PRP Removal - Removal Polrep



US EPA RECORDS CENTER REGION 5



422926

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #36
Progress
ESI-PRP Removal
B5YS
Indianapolis, IN
Latitude: 39.9128600 Longitude: -86.2423680

To: Sue Michael, City of Indianapolis
Tom White, Citizens Energy Group
Harry Atkinson, IDEM
Ryan Groves, IDEM
Megan Nagle, IDEM
George Ritchotte, IDEM
Jason Doerflein, Marion County Health Department
Stephen Jones, Pike Fire Department
John Maritote, U.S. EPA Region V
Janet Pope, U.S. EPA Region V
Kim Cussen, United Water
Stan Rigney, IDEM
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Eric Kaufman, Marion County Health Department
Jason Ravenscroft, Marion County Health Department
Dan Sparks, USFWS
Ed Karecki, USFWS
Bob Masbaum, Citizens Energy Group
Kristen Heitman, Providence Wildlife
Michael Massonne, City of Indianapolis
Cheryl Carlson, Citizens Energy Group
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Max Michael, IDEM
Deirdre Wyatt, IDEM

From: Vernetta Simon, On-Scene Coordinator

Date: 12/27/2011

Reporting Period: 12/19/2011 - 12/23/2011

1. Introduction

1.1 Background

Site Number: B5YS

Contract Number:

D.O. Number:

Action Memo Date:

9/30/2010

Response Authority: CERCLA

Response Type:

PRP Oversight

Response Lead:	PRP	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	4/6/2011	Start Date:	4/6/2011
Demob Date:		Completion Date:	
CERCLIS ID:	INN0051050501	RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Bankrupt Commercial Used Oils Facility

1.1.2 Site Description

See POLREP 1

1.1.2.1 Location

4910 West 86th Street, Indianapolis, Indiana 46268

2. Current Activities**2.1 Operations Section****2.1.1 Narrative**

See POLREP 1

2.1.2 Response Actions to Date

On December 19, 2011, Midwest hauled off 4 loads (20,680 gal) of oily water from the Tank 51 frac tank and primary separator pit to the United Waste Water Inc. facility in Cincinnati, OH.

- Midwest hauled off (19) 20 cyd roll-off boxes of solidified sludge to Southside Landfill in Indianapolis, IN.
- Midwest hauled off (36) 30 cyd roll-off boxes of solidified sludge to Southside Landfill in Indianapolis, IN.
- Midwest received (4) 25 ton loads of sawdust solidification media from Koetter & Smith Inc. in Borden, IN.
- Midwest received (6) 50,000 pound loads of wood pulp solidification media from Appleton Papers, Inc. in Dayton, OH.
- Midwest received (2) 25 ton loads of lime solidification media from Mintec.
- Midwest continued solidification activities in the east million gallon bunker tank with two long-reach excavators, a large-bucket excavator and sawdust, lime, and wood pulp solidification media.
- Midwest continued solidification in the solidification pits with sawdust, lime, and wood pulp solidification media.
- EQ continued pumping Tank 51 liquid contents into a solidification box and mixing it with wood pulp and the remaining TerraBond solidification media.
- EQ hauled off (6) 20 cyd roll-off boxes of solidified sludge to Southside Landfill in Indianapolis, IN.
- EQ received (1) 50,000 pound load of wood solidification media from Appleton Papers, Inc. in Dayton, OH.
- Roger Ward Engineering was on site continuing survey work to help them prepare their long term stormwater management plan.

On December 20, 2011, Midwest hauled off 1 load (6,200 gal) of oily water from the primary separator pit to the United Waste Water Inc. facility in Cincinnati, OH.

- Midwest hauled off (5) 30 cyd roll-off boxes of solidified sludge to Southside Landfill in Indianapolis, IN.
- Midwest received (1) 25 ton load of sawdust solidification media from Koetter & Smith Inc. in Borden, IN.
- Midwest received (7) 50,000 pound loads of wood pulp solidification media from Appleton Papers, Inc. in Dayton, OH.
- Midwest received (2) 25 ton loads of lime solidification media from Mintec.
- Midwest continued solidification in the east million gallon bunker tank with two long-reach

- excavators, a large-bucket excavator and sawdust, lime, and wood pulp solidification media.
- Midwest continued solidification in the solidification pits with sawdust, lime, and wood pulp solidification media.
- EQ continued pumping Tank 51 liquid contents into a solidification box and mixing it with paper pulp and the remaining TerraBond solidification media.
- EQ hauled off (1) 20 cyd roll-off box of solidified sludge to Southside Landfill in Indianapolis, IN.
- EQ received (2) 50,000 pound loads of wood solidification media from Appleton Papers, Inc. in Dayton, OH.
- Trihydro discharged approximately 16,524 gal of northeast area stormwater treated by the GAC system to Oil Creek.

On December 21, 2011, Midwest hauled off 2 loads (12,400 gal) of oily water from the northeast area to the United Waste Water Inc. facility in Cincinnati, OH.

- Midwest hauled off (30) 30 cyd roll-off boxes and (17) 20 cyd roll-off boxes of solidified sludge to Southside Landfill in Indianapolis, IN.
- Midwest received (7) 50,000 pound loads of wood pulp solidification media from Appleton Papers, Inc. in Dayton, OH.
- Midwest continued solidification in the east million gallon bunker tank with two long-reach excavators, a large-bucket excavator and sawdust, lime, and wood pulp solidification media.
- Midwest continued solidification in the solidification pits with sawdust, lime, and wood pulp solidification media.
- EQ continued pumping Tank 51 liquid contents into a solidification box and mixing it with paper pulp and the remaining TerraBond solidification media.
- EQ hauled off (5) 20 cyd roll-off box of solidified sludge to Southside Landfill in Indianapolis, IN.
- The wood pulp solidification media source that both Midwest and EQ are using (Appleton Papers, Inc.) will be shutting down for the holidays. As a result, EQ will not return on site until January 3, 2012.
- Trihydro posted the revised Tank 51 Work Plan on their Project Direct website for U.S.EPA review.
- AVS personnel were on site. Per Trihydro, once site waste removal/cleaning activities have concluded, Trihydro plans to have AVS on site to re-clean the site stormwater sewer system.

On December 22, 2011, Midwest hauled off 6 loads (35,900 gal) of oily water from the northeast area and Tank 51 containment. 5 loads (30,500 gal) to United Waste Water Inc.'s facility in Cincinnati, OH. 1 load (5,400 gal) to Clean Water Limited's Cherokee Drive facility in Dayton, OH.

- Midwest hauled off (20) 20 cyd roll-off boxes of solidified sludge to Southside Landfill in Indianapolis, IN.
- Midwest received (6) 50,000 pound loads of wood pulp solidification media from Appleton Papers, Inc. in Dayton, OH.
- Midwest received (2) 25 ton load of sawdust solidification media from Koetter & Smith Inc. in Borden, IN.
- Midwest continued solidification in the east million gallon bunker tank with two long-reach excavators, a large-bucket excavator and sawdust, lime, and wood pulp solidification media.
- Midwest continued solidification in the solidification pits with sawdust, lime, and wood pulp solidification media.
- Trihydro discharged approximately 19,336 gal of northeast area stormwater treated by the GAC system to Oil Creek.
- A conference call took place regarding the next steps for the bunker tanks, with attendees including: OSC Verneta Simon, Shauna Ross (START), Steve Flemming (Safety Kleen), Gary Risse (Trihydro), and Tim Gunn (Trihydro). Agreements made include:
 - A structural engineer should be consulted to inspect the west wall of the west million gallon bunker tank in order to determine if the approximate 1-ft thick sludge layer on the floor of the tank may have to remain in place.
 - Attempts should be made to access remaining west million gallon bunker tank sludge using a long-arm excavator from the north end.
 - Efforts should be made to pressure wash the bunker tank walls
 - Trihydro will provide volume estimates for any sludge remaining in the tanks due to being inaccessible.
 - Holes will likely be drilled in the floors of the bunker tanks as a means of percolation.
 - Due to both bunker tanks being removed, backfilling of both will be required to prevent pooling, health and safety issues, attractive nuisance, etc.
 - Trihydro agreed to collect two 5-point composite samples: one from the west million gallon bunker tank and one from the east million gallon bunker tank. Samples will be analyzed for

TCLP VOCs, SVOCs, Metals, and PCBs.

- Trihydro will provide bunker tank plans in writing.
- Trihydro will have Roger Ward Engineering put together a summary of plans/options for U.S.EPA, which should be ready in early January 2012.
- Trihydro will provide depth to the City of Indianapolis stormwater sewer and depth to groundwater measurements.
- Trihydro collected two five-point composite bunker tank sludge samples.

On December 23, 2011, Midwest conducted a general site cleanup on the paved roadway surfaces on site and cleaned out their vac truck.

- Trihydro discharged approximately 7,000 gal of northeast area stormwater treated by the GAC system to Oil Creek.
- Midwest cleaned site roadways and removed sediments from some site manholes.
- Midwest constructed a soil berm around west wall of the west million gallon bunker tank to prevent stormwater infiltration from the ground surface.
- Trihydro/Midwest will be back on site on December 27, 2011 to resume site activities.

The wood pulp and sawdust solidification materials are reclaimed/recycled products. As of December 23, 2011, approximately 11,700,000 pounds of wood pulp solidification media, 1,800 tons of sawdust solidification media have been used to solidify sludge. Additionally, 860 tons of lime solidification media and 45 tons of TerraBond solidification media had been used to solidify waste sludge.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

N/A

2.1.4 Progress Metrics

Waste Stream	Medium	Quantity	Discharge	Treatment	Disposal
Oily Water	Liquid	4,189,907 gallons		X	
Stormwater	Liquid	424,956 gallons		X	
Tank 51 Containment	Liquid	452,051 gallons		X	
Totes and Drums	Liquid	11,935 gallons		X	
Solidified Sludge	Solid	23,600 cyd			X
Unsolidified Sludge	Liquid	200 cyd		X	
Treated Stormwater	Liquid	688,665 gallons	X		

2.2 Planning Section

2.2.1 Anticipated Activities

- Increase the number of contractors on site to expedite site cleanup.

2.2.1.1 Planned Response Activities

None

2.2.1.2 Next Steps

U.S. EPA will provide oversight of PRP Group removal activities.

2.2.2 Issues

None

2.3 Logistics Section

Not applicable.

2.4 Finance Section

2.4.1 Narrative

Not applicable.

2.5 Other Command Staff

2.5.1 Safety Officer

Not applicable.

2.6 Liaison Officer

Not applicable.

2.7 Information Officer

2.7.1 Public Information Officer

2.7.2 Community Involvement Coordinator

A date has not been selected for the next community meeting.

3. Participating Entities

3.1 Unified Command

Indiana Department of Environmental Management
Indianapolis Department of Public Works
Pike Township Fire Department
City of Indianapolis

3.2 Cooperating Agencies

Marion County Health Department

4. Personnel On Site

START Contractor

Trihydro

Midwest (subcontractor to Trihydro)

EQ (subcontractor to Trihydro)

Roger Ward Engineering (subcontractor to Trihydro)

5. Definition of Terms

ASAO – Administrative Settlement Agreement on Consent

ERRS – Emergency and Rapid Response Services

IDEM – Indiana Department of Environmental Management

OSC – On-Scene Coordinator

POLREP – Pollution Report

PRP – Potentially Responsible Party

RCRA – Resource Conservation and Recovery Act

START – Superfund Technical Assessment and Response Team

U.S. EPA – United States Environmental Protection Agency

6. Additional sources of information

6.1 Internet location of additional information/report

For additional information, please refer to the US EPA lead removal action website at www.epaosc.org/esl

6.2 Reporting Schedule

The next POLREP will be submitted at a date to be determined.

7. Situational Reference Materials

For additional information, please refer to the documents section at www.epaosc.org/esl